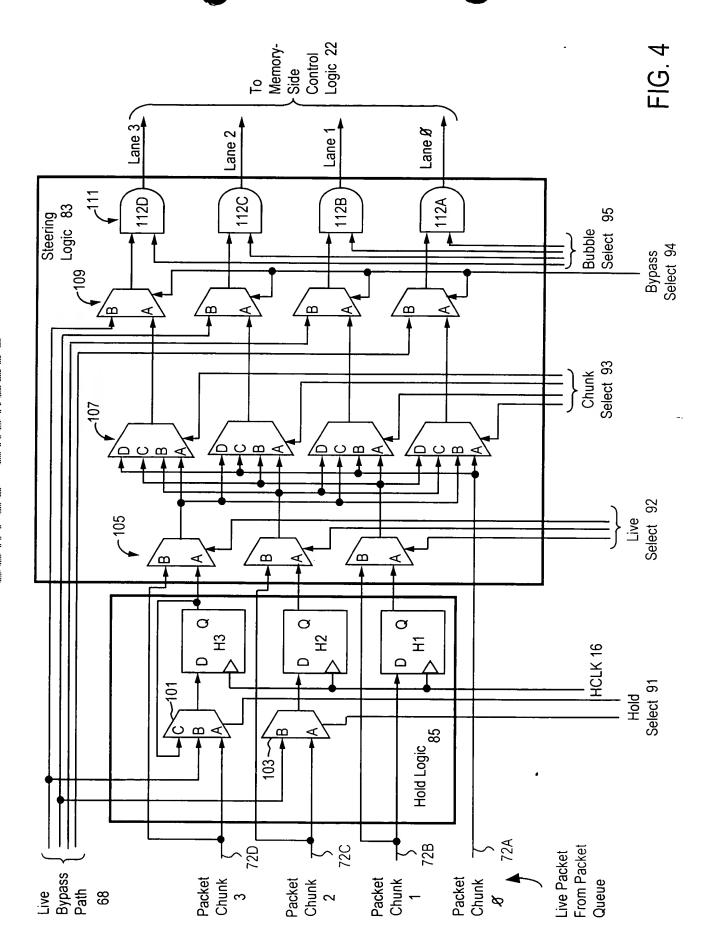
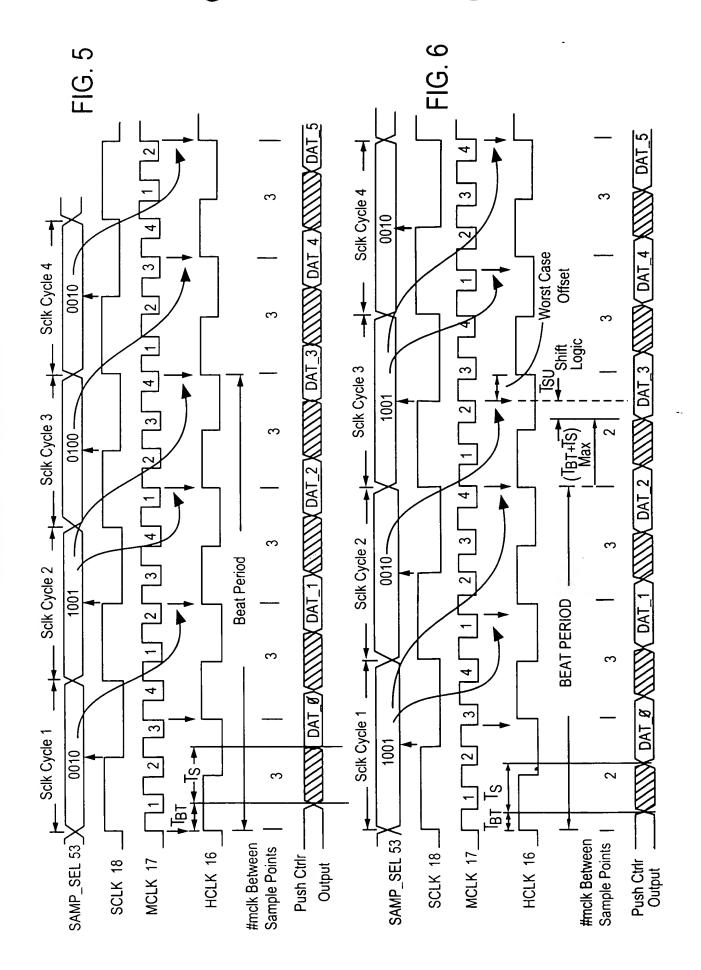
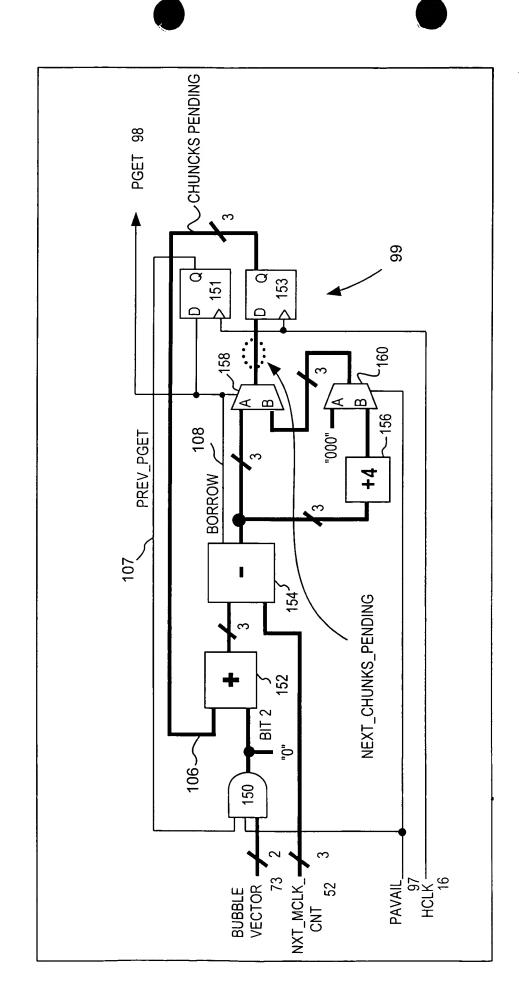


FIG. 2







. Б

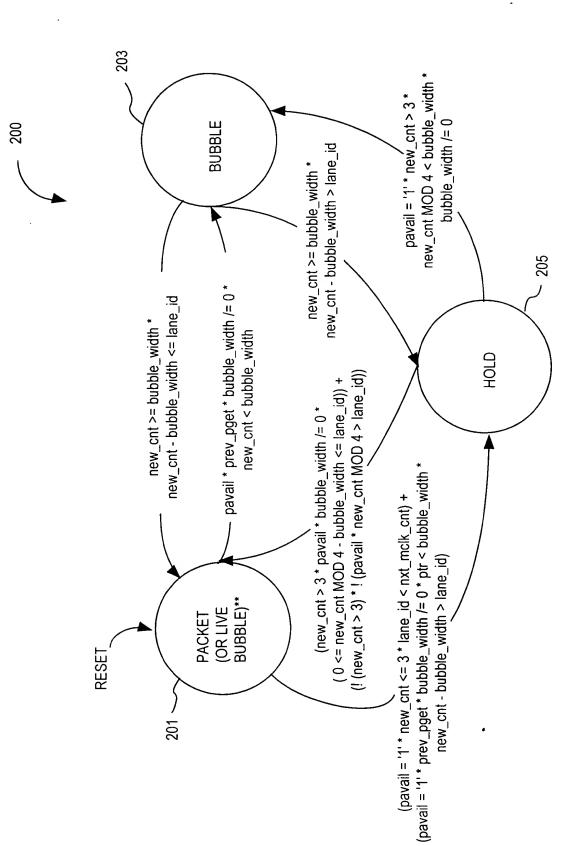


FIG. 8

nxt_ptr	Present lane_sel state	Condition
new_cnt MOD 4	HOLD	new_cnt > 3 *pavail == '1' * bubble_width /=0 * new_cnt MOD 4 < bubble_width
new_cnt MOD 4	PACKET	new_cnt > 3 * pavail == '1'
new_cnt MOD 4 - bubble_width	HOLD	new_cnt > 3 * pavail == '1' bubble_width /= 0 * ! (new_cnt MOD 4 < bubble_width)
new_cnt - bubble_width	BUBBLE	new_cnt > bubble_width
new_cnt	HOLD	! (new_cnt > 3 )
new_cnt	PACKET	! (new_cnt > 3 ) * pavai == '1'
new_cnt	BUBBLE	! (new_cnt > bubble_width)
lane_id	HOLD	new_cnt > 3 * pavail == '0'
lane_id	PACKET	pavail == '0' * (new_cnt > 3 + (! (new_cnt > 3 ) * new_cnt > lane_id)))

FIG. 9

## HOLD SELECT LOGIC 170 START 171 H3\_PTR=H3 LANEØPTR=H1 YES AND NEXT\_MCLK\_CNT C3 173 NO 175 H3\_PTR =LIVE\_BYP\_PATH CHUNK3 YES BYPASS ? 177 **~1**79 H3\_PTR= LIVE CHUNK 3 END

FIG. 10

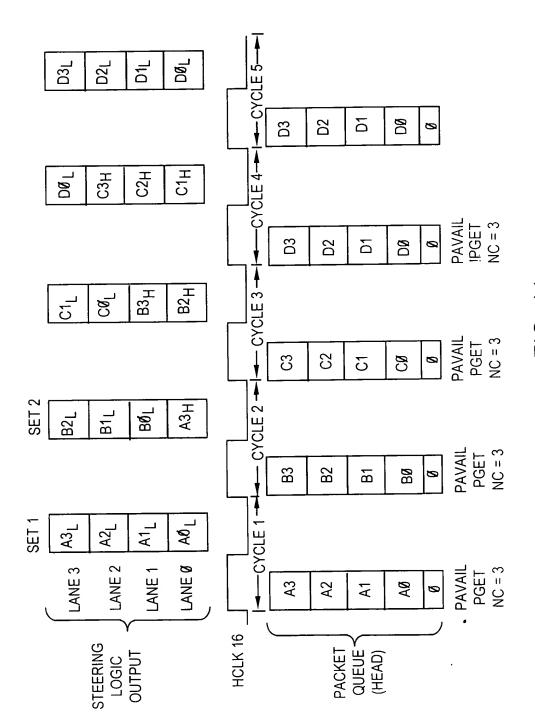


FIG. 1.

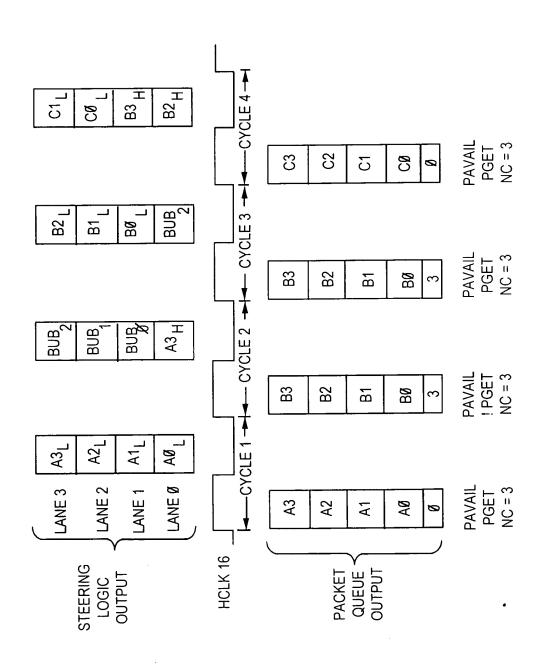


FIG.12

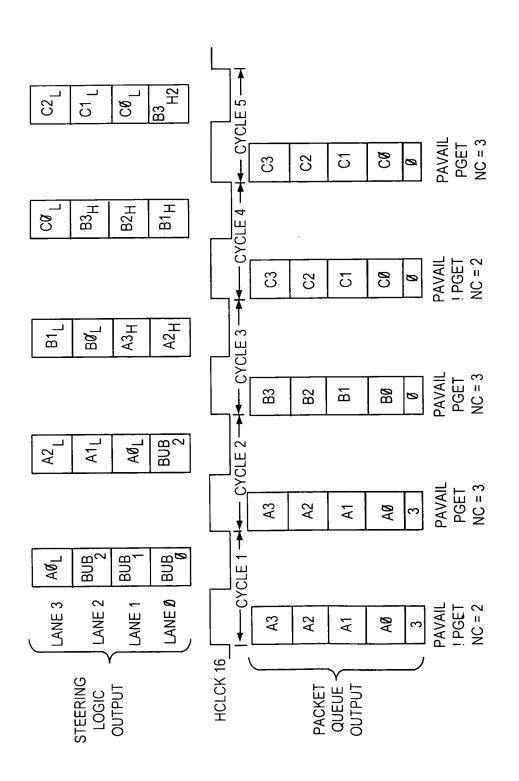


FIG. 13

